

AGAROSE TYPE D-1 LE Low Electroendosmosis

Lot. n° D00701	Reorder n° MIDSCI-500	A 79 / 23
CHEMICAL AND PHYSICAL TEST RESULTS:		
Appearance..... Fine, homogeneous powder		concentration 1 % 1.5 %
Color..... White	Clarity (NTU).....	2.65
Particle Size (A.S.T.M.):		pH in solution..... 7.32
over sieve 60..... 0.25 %	pH in gel.....	7.45
over sieve 100..... 31.65 %	Colorimetry (Absorbance)	
over sieve 140..... 34.30 %	n m u 450.....	0.028
over sieve 200..... 17.30 %		
under sieve 200..... 18.15 %		
Moisture..... 4.18 %		
Ash..... 0.32%	Gel strength.....	1,380 g/cm ² 3,195 g/cm ²
Electroendosmosis -Mr..... 0.12 (pH 8.4, Wieme method)	Gelling temperature.....	36.2°C
Sulfate..... 0.099 %	Melting temperature.....	88.8°C
FUNCTIONAL TEST RESULTS:		
Comparative assay of different size DNA fragments..... ☒ Passes test		
Background fluorescence assay in Ethidium Bromide..... ☒ Passes test		
DNase and RNase..... None detected		
Retest date September 2028		
		
Reviewed and Approved by Maria J. de Frutos		Date September 2023